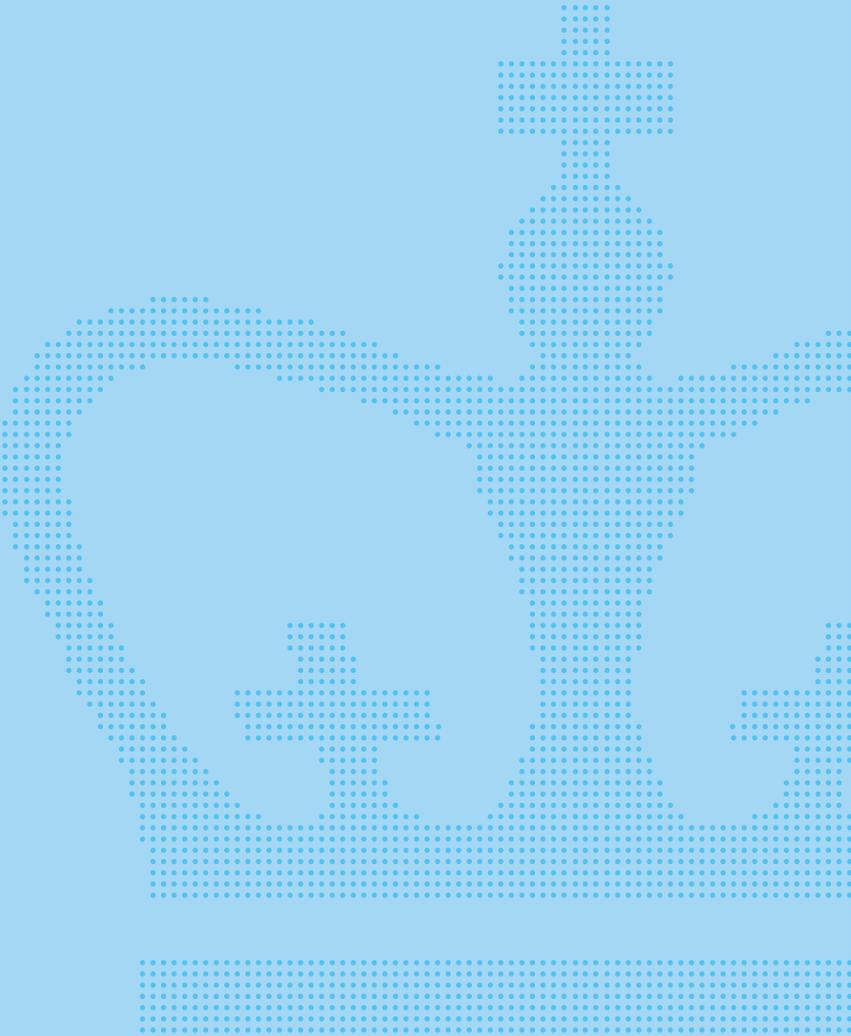


Into the **Columbia** Blue

A Preview



Introducing Columbia



Founded in 1754, Columbia University is at once a small college and a major research university: an Ivy League education on a human scale. That means working in small classes and labs with pioneering faculty in every field from the classics to the cutting edge. It means being part of one of the most diverse, talented student bodies in the world. It means our signature Core Curriculum along with stellar undergraduate research with world-renowned faculty. It means living in a city driven by the smartest, newest ideas. It means any pursuit, every opportunity is here. **Dive into the Columbia Blue**



Between Columbia College and Columbia Engineering, 5,800 undergraduates make their home here.

Columbia and NYC: Unequaled Combination



Every year, Columbia students intern with scores of New York-based companies and organizations, from Carnegie Hall to Google (NYC is home to Google's second-largest headquarters) to the *New York Times*, Sony Music Entertainment, NASA, Goldman Sachs, the American Museum of Natural History and the United Nations. Students also have free or discounted access to only-in-New York institutions like the New York Hall of Science, The Metropolitan Museum of Art, and New York Film Festival.



First-year residence halls line the perimeter of the University's main quadrangle, making it a community unlike most urban universities.



“When I went to interview for an internship they were so excited to see a Columbia student. That really put into perspective for me what you can do with Columbia. President Bollinger has said, ‘When we celebrate the city, we celebrate Columbia and vice-versa.’ I know what he means.”

RYAN REINECK, *Boise, ID*
Art History

Going to Columbia is a kind of dual citizenship — you are a Columbian and a New Yorker. Each in itself is a life changer. The combination? Unequaled. First, because so many of the best opportunities in the world only exist in New York City. Second, Columbia's

reputation and family of faculty and alumni open doors to opportunities like none other. Our faculty and students are the kind of people who want to be part of this unprecedented mix that puts them at the nexus of the next big thing in every field on campus and off.

Common Core: Uncommon Education

Columbia University's Core is the nation's oldest and most renowned Core program. All undergraduates participate in either the Columbia College Core or the Engineering Core. What makes the program so special?

Challenge & Community

Rather than general education requirements, the Core is a single set of small, discussion-based seminars you take with the entire undergraduate community. With some of the smartest students from all over the world you challenge each other's thinking about groundbreaking ideas. It's a common intellectual experience that allows for greater depth of conversation and thinking in all classes because you have a richer and broader base of

knowledge on which the whole student body can draw.

Interdisciplinary & Innovative

Immersing students in multiple disciplines — literature, art, music, science, philosophy, and history — is a key part of the Core's power. Being able to make connections across disciplines prepares students to engage their majors with a capacity to think both within and beyond a specific discipline. They gain the kind of breadth of knowledge that promotes and sustains innovative thinking.

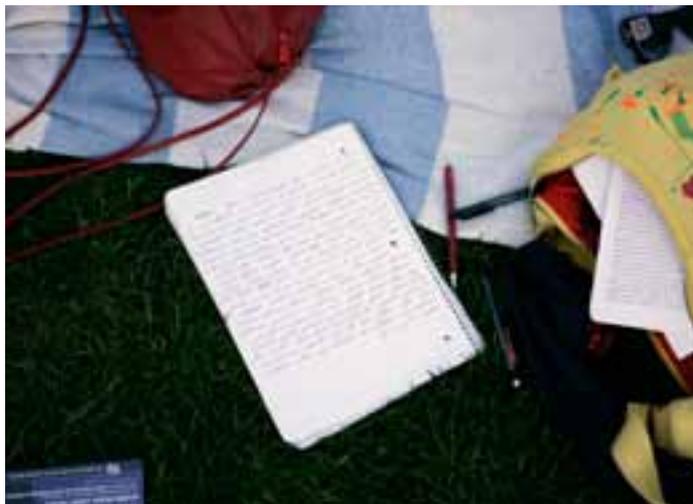
The Engineering Core

The Engineering Core includes roughly half the Columbia College Core classes,

engineering courses, a first-year, hands-on design course, and a professional level course. We are a different kind of engineering school, where engineers learn to solve the world's pressing challenges because they have a deeper understanding of the world itself.

Defining & Timeless

The Core defines students as Columbians. Whether you meet a graduate from last year or fifty years ago, he or she will have wrestled with many of the same enduring books, themes, and scientific theories. The same ideas next year's first-year Columbians will tackle. For almost 100 years, the Core's purpose has been to build a timeless basis for intellectual flexibility and confidence.



Rigorous training in analysis, argument, creative thinking, quantitative reasoning, and logical inference awaits all those who undertake Columbia's legendary Core Curriculum.



The Core unites leading professors across the university from virtually every discipline. Here Latin American historian and professor Caterina Pizzigoni leads a discussion in her Contemporary

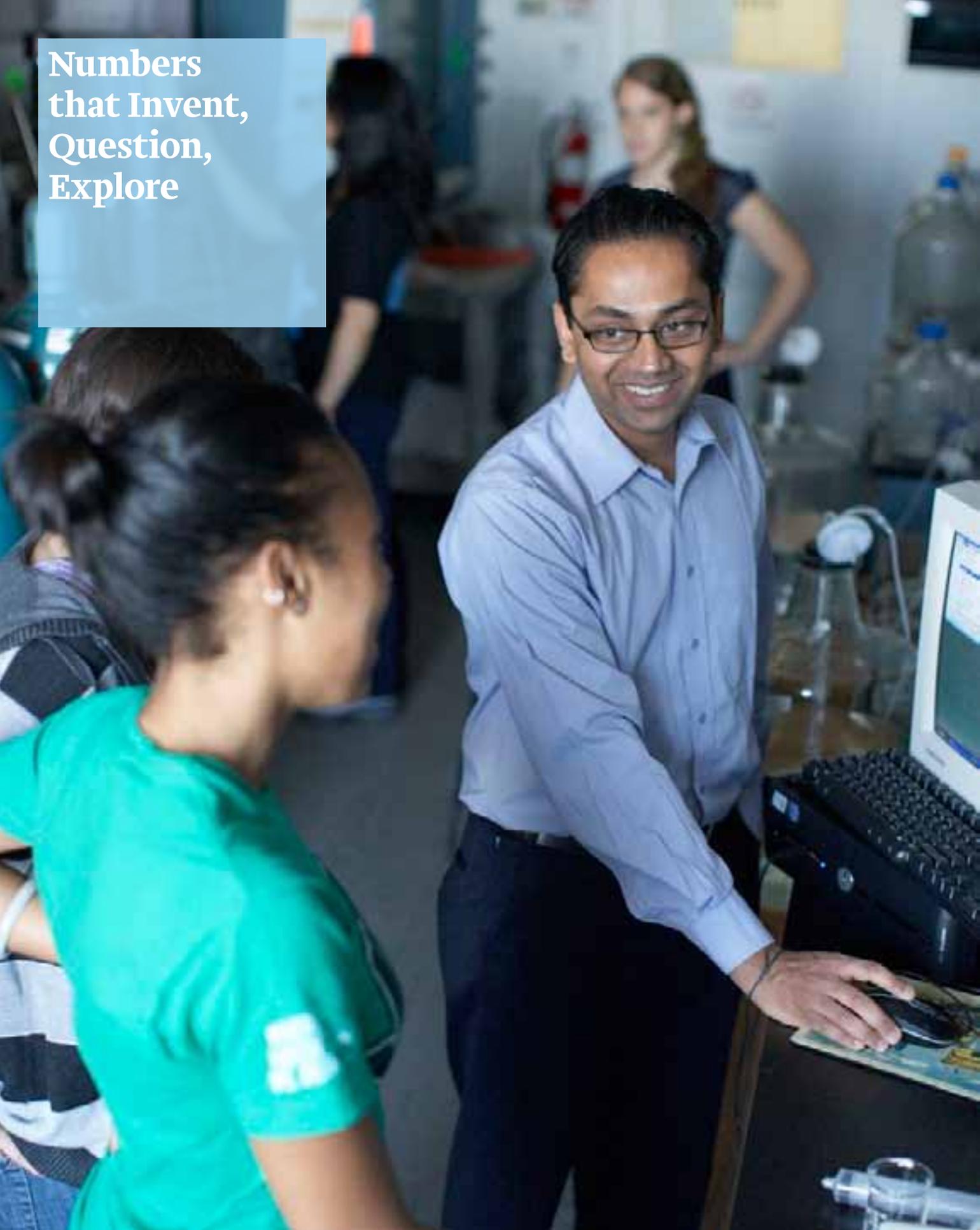
Civilization class. Core classes are small, discussion-based seminars with an average of 19 students and comprise about 30 percent of a student's schedule each semester.

“The Core is such a great way to incorporate Columbia College and Engineering students right off the bat. I’m in classes with students who are majoring in politics, languages, dance, and art. It’s awesome.”

MEGAN ARMSTRONG, *Ann Arbor, MI*
Biomedical Engineering



Numbers that Invent, Question, Explore



Our faculty are innovators, inventors, visionaries — leading seminars, serving as mentors, guiding independent research. Pictured here is Professor of Earth and Environmental Engineering Kartik Chandran, who was recently awarded \$1.5 million from the Bill and Melinda Gates Foundation for his revolutionary new model in which he transforms wastewater into biodiesel and methane, two potent sources of energy.



Columbia's student center, Alfred Lerner Hall, is a hub for all student advising services. It includes student lounges, two dining venues, copy center, black box theater, pool and game room, undergraduate mailboxes, two computer rooms (one with 24-hour access), offices for

student services and organizations, and numerous event spaces, including a 1,100-seat auditorium and a 400-seat cinema. One night every February it also becomes the site of the much-anticipated Glass House Rocks with dance performances, games, laser tag, great food, and more.

5,800
undergraduates; the most diverse student body in the Ivy League.

In recent years, Columbia students have won more **Fulbright Grants** than those of any other university.

Nearly **100** programs of study from mechanical engineering to creative writing to urban studies, 17 engineering majors, 22 majors in all branches of the biological, natural, and physical sciences, and joint programs with Columbia graduate schools and other institutions like The Juilliard School.

Instruction in nearly **50** foreign languages. Nearly 200 study abroad programs.

More than a **dozen** conservatory-caliber arts majors and programs.

Nearly **80%** of undergraduate classes have fewer than 20 students.

A student to faculty ratio of **6 to 1** and 3 to 1 in the physical sciences.

79 Nobel Prize winners are Columbia alumni, faculty, or former faculty. More Nobel Laureates have graduated from or taught at Columbia than any other university in the Ivy League. Nine current faculty members have won for their work in Chemistry, Economics, Medicine, Physics, and Literature.

A science and engineering faculty generating **more income from patents** than any other university.

More than **200** research institutes and centers, including a wide range of world-class laboratories.



Undergraduate Research: High-Impact and Hands-On

In a world-renowned, top-ranked research university, where leadership, ideas, and innovation are part of the air you breathe, fantastic opportunities for independent and guided undergraduate research are a given. Through both Columbia College and Columbia Engineering, students can be involved in research that advances what the world knows in every area.

Real-World Applications

In labs, in partnerships with New York City, and in global fieldwork — research at Columbia is about solving global problems like climate change or hunger. It's about finding solutions at the intersections of many sciences as well as other disciplines like economics, sociology, and psychology. It's about curing diseases and sustaining and rebuilding lives with advances such

as tissue regeneration and bone reconstruction. Research here can mean a fellowship in Dublin to study the influence of Indian philosophy on the Irish poet W. B. Yeats or researching immigration chains and neighborhood evolution of the Haitian community in the Bronx. It can also mean impacting the world with new technologies, new social media, new iPad applications, new animation techniques. New ideas. New personal heights.

Teachers & Mentors

At Columbia, the professor in front of the class is also the mentor next to you at the bench. Our imperative is to involve undergraduates in major research with world-renowned faculty and help students find their strengths and true passions. There is a 3 to 1 student to faculty ratio in most science

departments, meaning you know your professors and they know you. Hundreds of research opportunities are reserved just for undergraduates in Columbia Engineering's Undergraduate Research Involvement Program. Students catch on to what really excites them.

\$1 Billion in Annual Research

Hundreds of labs led by prize-winning faculty working with students have generated 600 different patents and \$1.75 billion in gross revenue. Several programs and fellowships provide funding for undergraduates to conduct research during the year and over the summer in all fields. Fellowships are also offered in specific disciplines, including Biology, East Asian Studies, Engineering, English, History, Music, and Political Science.

“Sharing the excitement of discovery is one of the great joys of doing research, and introducing undergraduates to this excitement is very rewarding.”

PROFESSOR MARTIN CHALFIE
William R. Kenan Jr. Professor of Biological Sciences
Shared 2008 Nobel Prize in Chemistry

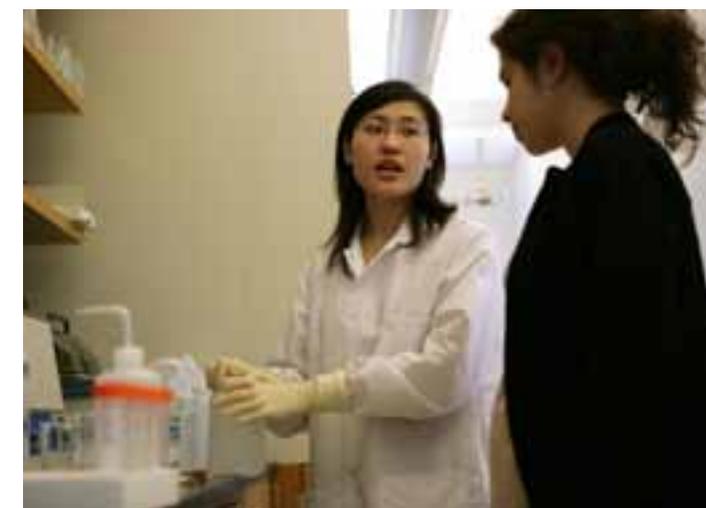


Undergraduates have access to research facilities at the Medical Center, in addition to the many specialized research institutes. State-of-the-art facilities include the brand-new Northwest Corner Building, in addition to several

academic buildings and laboratories on North Campus, one of the world's largest science library collections, the Lamont-Doherty Earth Observatory, Nevis Laboratories, and Columbia Medical Center.



Laura Kaufman CC '97 (right) pursued Chemistry research as an undergraduate at Columbia before completing a PhD and returning to Columbia as a Chemistry professor in 2004. Professor Kaufman, whose research involves supercooled liquids and biopolymer gels, prides herself on being a mentor to aspiring scientists.



Roar, Lions,
Roar

President **Franklin D. Roosevelt** and President **Barack Obama**. **26** leaders of countries around the world and **9** Supreme Court Justices. The inventors of the **subway** system, **FM Radio**, and the **nuclear submarine**. The inventors of technology used in **Disney** animation, **Adobe** software, and the **3G iPhone**. **Rodgers and Hammerstein**. **Julia Stiles** and **Vampire Weekend**. **Langston Hughes** and **J.D. Salinger**. **Georgia O'Keefe** and **Ruth Bader Ginsburg**. A few Columbia Lions. Just a few of the students who came to this place to learn to make their mark, make history, and make the world better.



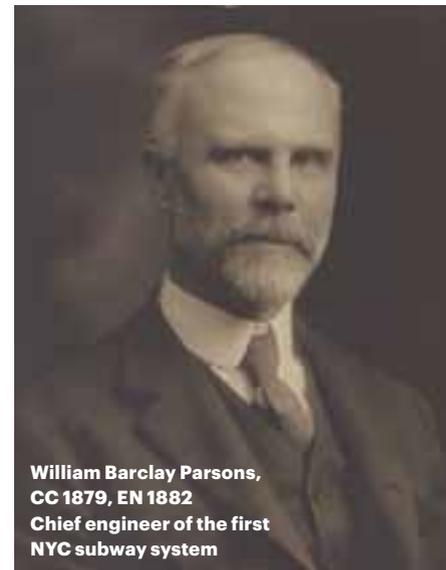
Michael Massimino,
EN '84
NASA Astronaut,
first to tweet from space



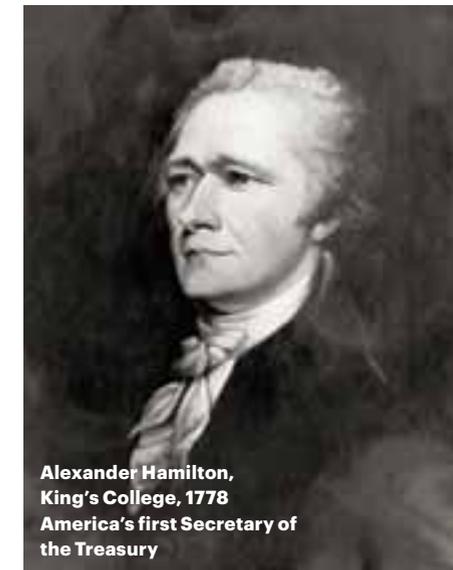
Madeleine Albright,
MA 1968, PhD 1976
First female
Secretary of State



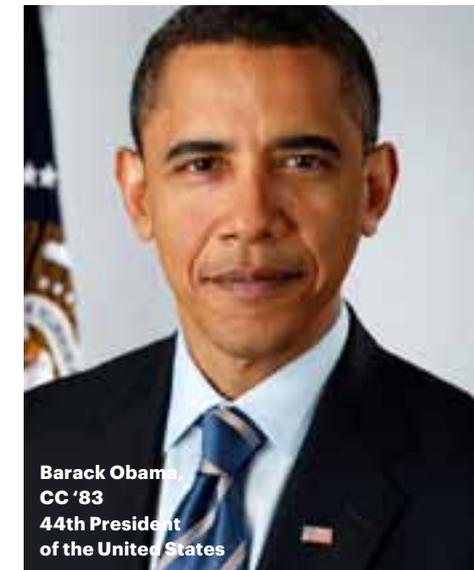
V.K. Wellington Koo,
CC, 1908
Diplomat, former acting premier
of the Republic of China



William Barclay Parsons,
CC 1879, EN 1882
Chief engineer of the first
NYC subway system



Alexander Hamilton,
King's College, 1778
America's first Secretary of
the Treasury



Barack Obama,
CC '83
44th President
of the United States



Julia Stiles,
CC '05
Golden Globe Award
nominated actress



Vampire Weekend,
CC '07, CC '06
Indie rock band, featuring
Chris Baio, Rostam Batmanglij,
Ezra Koenig, Chris Tomson



Claire Shipman
CC '86
Broadcast journalist
on ABC News

Numbers that Perform, Celebrate, Engage



At last count, there were 29 a cappella and musical groups to perform with and enjoy on campus. Not to mention the hundreds of visiting musicians who play here each year.

500

clubs and organizations. From the Columbia University Society of Hip Hop to the Asian American Alliance, from the Alpine Racing Team to the King's Crown Shakespeare Troupe, from the Scientists and Engineers for a Better Society to the Journal of Politics and Society, from the Chicano Caucus to the Bluegrass Band — You'll find not one club per interest area but dozens with as much vibrancy and diversity as our students.

60+

a cappella, comedy, dance, film, music, and theatre clubs and organizations.



North of campus is the Baker Athletic Complex, a 17,000-seat facility and home to Columbia's football, baseball, lacrosse, field hockey, softball,

and soccer teams. The newly renovated Robertson Field at Satow Stadium is one of the best college baseball facilities in the Northeast and the

Dick Savitt Tennis Center has six cushioned hard courts covered by a state-of-the-art air dome. Its view of the Harlem and Hudson Rivers is

31

NCAA Division I teams, 45+ club and 40+ intramural sports, 14 Ivy League Championships in the last four years.

Approximately **20**

World Leaders Forum events per year bringing remarkable leaders to campus for lively, uninhibited dialogue. A few past participants include Presidents Bill Clinton, Nicolas Sarkozy of France, Vladimir Putin of Russia, Michelle Bachelet of Chile, Václav Klaus of the Czech Republic, and the Dalai Lama.



Over **35,000** living undergraduate alumni and 250,000 total within Columbia's alumni network.

More than a **dozen** dining facilities on campus and the ability to apply meal plans off campus in surrounding neighborhood restaurants.

The **first**

African-American student organization for a non-historically black college or university.

The oldest college literary magazine in the country, first published in 1815. The Varsity Show, an entirely student-run performance now in its

117th year.

Columbia's Passport to New York providing free access to nearly

30

museums and galleries. The CU Arts Initiative offering free and discounted tickets to New York City cultural events, including Broadway shows, Lincoln Center concerts, Hollywood films, and other arts events. CULinary Arts is a new restaurant partnership designed to provide special offers to Columbia students like restaurant discounts and prix fixe menus.

one reason that Wien Stadium was featured in *Sports Illustrated* as one of the most beautiful places in the country to watch a football game.

Our New York Neighborhood



Located north and west of Central Park on Manhattan's Upper West Side is Columbia's 36-acre majestic, park-like urban village. Our neighborhood is Morningside Heights, which stretches from 106th to 125th Street and is bordered by two beautiful parks. Rich in both American and Columbian history and teeming with the energy of Columbia undergraduates, Morningside Heights is a charming residential enclave that is at once bustling and intimate. We share the neighborhood with several other colleges — Barnard College, Manhattan School of Music, Union and Jewish Theological Seminaries, and Bank Street School of Education — creating our own New York-style college town. Within this academic acropolis you have a beautiful home base to live, study, and play. Housing is guaranteed for four years and the majority of students live on campus. Faculty also live on campus and in the surrounding neighborhood. The Columbia University subway stop links you to every other corner of the city.



The Beaux-Arts Morningside Heights campus is often regarded as one of the loveliest urban campuses in the country.



Dozens of restaurants, coffee shops, bookstores, a farmer's market, venues for live music, shops and boutiques, yoga and dance studios are just outside the campus gates, creating a college town in New York City unlike any other in the world.



Columbia at a Glance

Enrollment

There are approximately 4,400 students in Columbia College and 1,400 students in The Fu Foundation School of Engineering and Applied Science. Over half of all students at Columbia are Asian, African American, Latino/a or Native American; students come from all 50 states and dozens of countries.

Admission

Admission to Columbia is most selective. Please consult our website for selection criteria and the secondary school preparation we recommend. Fifty percent of students admitted to Columbia score between a 2150 and a 2320 on the SAT (32-35 on the ACT). Please consult the website for details on our testing policy. Over 90 percent of admitted students were in the top 10 percent of their high school class (in schools that provided a class rank).

Columbia utilizes The Common Application and requires the Columbia Supplement to The Common Application. **We strongly encourage students to apply online. Please use the paper application only if you do not have access to the Internet.** Visit www.studentaffairs.columbia.edu/admissions/ to access The Common Application and Supplement.



Columbia University was founded as King's College by royal charter of King George II of England. It is the oldest institution of higher learning in the state of New York and the fifth oldest in the United States.

Financial Aid

Admission to Columbia is need-blind, which means that we will consider your application without regard to your financial need. The need-blind policy is in effect for candidates who are U.S. citizens or permanent residents or qualify for a refugee visa from the United States. Financial aid is available for foreign students, but financial need is considered at the time of admission. Financial aid is need-based, and **Columbia meets 100 percent of the demonstrated need of every student admitted as a first-year student for all four years of study.** Some highlights of our financial aid program include:

- **No Loans:** We have eliminated loans for all students receiving financial aid and replaced them with additional University grants.
- **No Parent Contribution:** For students coming from families who receive income less than \$60,000 per year (with typical assets), parents are not expected to contribute to tuition, fees, room, or board.
- **Reduced Parent Contribution:** Students coming from families who make between \$60,000 and \$100,000 (with typical assets) have a significantly reduced parent contribution.
- **Work Exemption Program:** To support students pursuing study abroad, research, internships, and community service opportunities, Columbia offers the opportunity to apply for **additional funding and exemptions from academic year and summer work expectations.**

Even families who make over \$100,000 may qualify for need-based aid and will benefit from our no-loan policy.

Visit www.studentaffairs.columbia.edu/financial for more information.

Cost of Attending

Costs for the 2010–2011 academic year: tuition, \$41,160; room and board, \$10,570; fees, \$2,144; books and personal expenses, \$2,807; orientation and transcript fee (for first year only) \$51. Total estimated cost: \$57,192.

Information Sessions and Campus Tours

Information sessions with members of the admissions staff give you an opportunity to ask about the Columbia experience — the curriculum, residential life, extracurricular activities, advising, financial aid, New York City, admission requirements, and other topics. The campus tour that immediately follows is conducted by a current undergraduate student. The information session and tour last about an hour each.

In addition to tours offering information about both Columbia College and The Fu Foundation School of Engineering and Applied Science, we offer specific science tours and Engineering tours on Fridays. Tours and information sessions begin in the Visitors Center, 213 Low Memorial Library. We do not offer information sessions and tours on University holidays. For a listing of specific sessions, tours, reservations, and exceptions, please visit www.studentaffairs.columbia.edu/admissions/ before making travel arrangements.

Request Information

To get on our mailing list, visit www.studentaffairs.columbia.edu/admissions/. You will receive information and publications, including invitations to upcoming campus programs and receptions around the world.

Programs of Study

Columbia College

African-American Studies
African Studies
American Studies
Ancient Studies
Anthropology
Applied Mathematics
Archaeology
Architecture
Art History
Art History and Visual Arts
Astronomy
Astrophysics
Biochemistry
Biology
Biophysics
Business Management
Chemical Physics
Chemistry
Classical Studies
Classics
Comparative Literature and Society

Computer Science
Computer Science-Mathematics
Creative Writing
Dance
Drama and Theatre Arts
Earth Science
East Asian Languages and Cultures
Ecology and Evolution (CKECEV)
Economics
Economics-Mathematics
Economics-Philosophy
Economics-Political Science
Economics-Statistics
Education
English
Environmental Biology
Environmental Chemistry
Environmental Science
Ethnicity and Race Studies
Evolutionary Biology of the Human Species
Film Studies
Financial Economics
French
French and Francophone Studies
German Literature and Cultural History
Hispanic Studies
History
History and Theory of Architecture
Human Rights
Information Science
Italian Cultural Studies
Italian Literature
Jazz Studies
Latin American and Caribbean Studies
Linguistics
Mathematics
Mathematics-Statistics
Medieval and Renaissance Studies
Middle Eastern and Asian Languages and Cultures
Modern Greek Studies
Music
Neuroscience and Behavior
Philosophy
Physics
Political Science
Political Science-Statistics
Portuguese
Psychology
Regional Studies-East/Central Europe
Religion
Russian Language and Culture
Russian Literature and Culture
Slavic Literature and Culture
Slavic Studies
Sociology
Statistics
Sustainable Development
Urban Studies
Visual Arts
Women's and Gender Studies
Yiddish Studies
Undecided

The Fu Foundation School of Engineering and Applied Science

Applied Mathematics
Applied Physics
Biomedical Engineering
Chemical Engineering
Civil Engineering
Computer Engineering
Computer Science
Earth & Environmental Engineering
Electrical Engineering
Engineering Mechanics
Industrial Engineering
Materials Science and Engineering
Mechanical Engineering
Operations Research
Undecided

Athletics

Columbia competes at the NCAA Division I level (Division I-AA for football) as a member of the Ivy League.

Men's varsity

Baseball
Basketball
Cross-country
Diving
Fencing
Football
Golf
Rowing (heavyweight/lightweight)
Soccer
Squash
Swimming
Tennis
Track and field (indoor/outdoor)
Wrestling

Women's varsity

Archery
Basketball
Cross-country
Diving
Fencing
Field hockey
Golf
Lacrosse
Rowing
Soccer
Softball
Squash
Swimming
Tennis
Track and field (indoor/outdoor)
Volleyball

Columbia Graduate Programs

In addition to undergraduate programs, Columbia University encompasses more than a dozen graduate, professional and affiliate schools, including:

College of Physicians and Surgeons
School of Architecture, Planning and Preservation
School of the Arts
School of Arts and Sciences
School of Business
School of Dental and Oral Surgery
School of Engineering and Applied Science
School of International and Public Affairs
School of Journalism
School of Law
School of Nursing
School of Public Health
School of Social Work

Affiliate Institutions

Barnard College
Jewish Theological Seminary
Teachers College
Union Theological Seminary

Statement of Non-Discrimination

Columbia University admits students of any race, color, national, or ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the University. It does not discriminate on the basis of race, color, sex, gender, pregnancy, religion, creed, marital status, partnership status, age, sexual orientation, national origin, disability, military status, or any other legally protected status in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other University-sponsored programs.



**Office of Undergraduate Admissions
Columbia University
212 Hamilton Hall, MC 2807
1130 Amsterdam Avenue
New York, NY 10027**

**For more information about Columbia University,
please call our office or visit our website:**

**212-854-2522
www.studentaffairs.columbia.edu/admissions**